

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND APPARATUS FOR MAINTAINING A MAP OF NODE RELATIONSHIPS FOR A NETWORK

the spe	cification of which (check one)							
[X]	is attached hereto.								
[]	was filed on	as Uni	ited States Application						
	Number or PCT In	nternational Applicat	tion No	<u>.</u>					
	and was amended	on((if applicable).						
includ	I hereby state that ing the claims, as am	I have reviewed and ended by any amend	understand the contents of the abliment referred to above.	ove-iden	tified	speci	ficati	on,	
define	d in 37 C.F.R. §1.56	•	ormation which is known by me to						
countr	ent or inventor's cert y other than the Unit reign application for	rificate or 365(a) of a	s under 35 U.S.C. 119(a)-(d) or 36 any PCT international application a, listed below and have also ident certificate, or of any PCT internat ority is claimed:	wnich ad ified bel	ow, by	che	cking	the b	ox,
		<u>Pri</u>	ior Foreign Application(s)	N	ority ot imed	(Certi Copy ES	Filed	? O
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I here	by claim the benefit	under 35 U.S.C. §11	9(e) of any United States provisio	nal appl	ication	(s) li	sted 1	oelov	<i>1.</i>
60/17	7,985		January 25, 2000						
(Appl	ication Number)		(Filing Date)						
(Appl	ication Number)		(Filing Date)						

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

Barry W. Chapin, Esq. Reg. No. 39,934
David E. Huang, Esq. Reg. No. 39,229
J. Scott Southworth, Esq. Reg. No. 39,382

all of Chapin & Huang, L.L.C., Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581

and ______

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to: ______ Barry W. Chapin, Esq. ______

Chapin & Huang, L.L.C. Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581

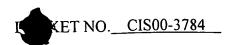
Direct telephone calls to: ______ Barry W. Chapin, Esq. ______ Telephone No.: 508-366-9600

Direct facsimiles to: ______ Barry W. Chapin, Esq. ______ Facsimile No.: 508-616-9805

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

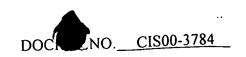
Full name of sole invent	tor or
first joint inventor	Jame O Toole
Inventor's Signature	Date 12/2/6/2000
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	Somerville, Massachusetts 02143
Citizenship	United States of America
Post Office Address	Same as above

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Full name of additiona	l joint		
inventor, if any	John H. Jannotti		
Inventor's Signature		Date	
Residence	233 Massachusetts Avenue		
	Cambridge, Massachusetts 02139		
Citizenship	United States of America		
Post Office Address	Same as above		





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

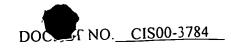
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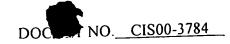
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I acknowledge the efined in 37 C.F.R. §1.56.	duty to disclose info	ormation which is known by me to						
or patent or inventor's cert	ed States of American end States of American enatent or inventor's	s under 35 U.S.C. 119(a)-(d) or 36 any PCT international application a, listed below and have also ident certificate, or of any PCT internat ority is claimed:	ified belo	w. by	chec	king	the b	ox,
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I hereby claim the benefit	under 35 U.S.C. §1	19(e) of any United States provision	nal appl	ication	ı(s) li	sted	belov	v.
60/177,985		January 25, 2000						
(Application Number)		(Filing Date)						
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I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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A mammad insuor	ntor, I hereby appoint the following the Patent and Trademark Office	ng attorney(s) and/or agent(s) to prosecute this application to connected therewith.
I also hereby grai prosecute an international application, including a po	application under the Patent Cooper to meet all designated office at Esq. Reg. No. 39,5	to the following attorney(s) and/or agent(s) to file and operation Treaty based upon the above-identified e requirements for designated states:
Barry W. Chapin David E. Huang, J. Scott Southwo		
all of Chanin & Huang, L	.L.C., Westborough Office Park,	1700 West Park Drive, Westborough, MA 01581
all of Oliapili to Time 8,	,	
and		
andto prosecute this applicati	on and to transact all business in espondence to:Barry W. Ch	the Patent and Trademark Office connected therewith.
to prosecute this applicati Please send corr Chapin & Huang	on and to transact all business in espondence to:Barry W. Ch	the Patent and Trademark Office connected therewith. apin, Esq. ark, 1700 West Park Drive, Westborough, MA 01581
to prosecute this applicati Please send corr <u>Chapin & Huang</u>	on and to transact all business in espondence to: Barry W. Chg, L.L.C. Westborough Office Percalls to: Barry W. Chapin, Esc	ark, 1700 West Park Drive, Westborough, MA 01581
to prosecute this applicati Please send corr <u>Chapin & Huang</u> Direct telephone	on and to transact all business in espondence to: <u>Barry W. Ch</u> 2, L.L.C. Westborough Office P 2 calls to: <u>Barry W. Chapin, Esc</u>	apin, Esq. ark, 1700 West Park Drive, Westborough, MA 01581 Telephone No.: 508-366-9600
to prosecute this application Please send correct telephone Direct facsimile I hereby declare on information and belief	espondence to: Barry W. Chapin, Esc. s to: Barry W. Chapin, Esc. that all statements made herein fare believed to be true; and furthers and the like so made are punilisted States Code and that such	apin, Esq. ark, 1700 West Park Drive, Westborough, MA 01581 Telephone No.: 508-366-9600
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Full name of additiona	l joint	
inventor, if any	John H. Jannotti	Date 12/22/2000
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Post Office Address _	Same as above	